AUG-18-2003 14:35

(Includes Reference t PCT International Applications)

THE WEBB LAW FIRM

P.02

COMBINED DECLARATION GURT ATENT APPLICATION AND POWE!

TORNEY

(if applicable).

ATTONIEY'S DOCKET NUMBER

388-991024

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated bel w next to my name,

Part 53 US

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and j int inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

FOCUS TYPE LONGITUDINAL WAVE ULTRASONIC PROBE AND ULTRASONIC

FLAW	EVALUA	TING	APPARATUS	FOR	POLYMER	MATERI	AL INSPECT	ION	
he specif	lication of w	hich (ch	eck only one item	below) :	•			
	is attached h	ierelo.				,		. •	
	was filed as	United :	States application						
	Serial No.	<u>,</u>							
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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

and was amended under PCT Article 19

Øπ

COUNTRY (# PCT, indicated "PCT")	APPLICATION NUMBER	DATE OF FRING	PRIORIT UNDER S	Y CLAMED 15 USC 118
Japan	Pat. 9-242290	08/September/1997	₩ YES	xxc
Japan	Pat. 9-300348	31/October/1997	△ A€Z	□ NO
Japn	Pat. 9-300349	31/October/1997	₩ YES	□ ₩
Japan	Pat. 9-356736	25/December/1997	₩ YES	□ NO
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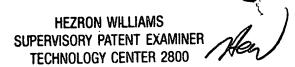
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FACSIMILE INFORMATION SHEET

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luding Information Sheet)
18, 2003
e No. 388-991024
Application No. 09/508,024
ed please find a copy of the entire application as filed on 5, 2000.

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FOCUS TYPE LONGITUDINAL WAVE ULTRASONIC PROBE AND ULTRASONIC FLAW EVALUATING APPARATUS FOR POLYMER MATERIAL INSPECTION

ABSTRACT OF THE INVENTION

An ultrasonic inspection probe includes a curved piezoelectric element and a matching material having an input end surface in close contact with a concave surface of the curved piezoelectric element and an output end surface for fitting to a surface of a polymer material acting as a test object. The matching material has an acoustic impedance matched to an acoustic impedance of the test object or an acoustic impedance of the curved piezoelectric element, or both. A flaw evaluating apparatus of the probe includes two gate circuits and evaluating circuits connected thereto for gating ultrasonic reflection echoes and evaluating sound velocity variations of the ultrasonic reflection echoes.

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State or Country

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Japan

June 4, 1999

412 471 4094

ASSIGNMENT
WHEREAS, Toshimichi KITAOKA, Fumio INOUE and Hiroki TODA
whose post office addresses appear below (hereinafter (collectively) referred to as ASSIGNOR), has (have) invented cortain new and useful
improvements in an FOCUS TYPE LONGITUDINAL WAVE ULTRASONIC PROBE AND ULTRASONIC
FLAW EVALUATING APPARATUS FOR POLYMER MATERIAL INSPECTION
(hereinafter referred to as THE INVENTION) for which an application for United States Letters Patent was filed on Serial Number;
WHEREAS, OSAKA GAS CO., LTD.
whose post office address is 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka, Japan
(and)
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of apply for patents and invention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention. ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNOE in and to said invention, all without further consideration and at ASSIGNOE in and to said invention, all without further consideration and at ASSIGNOE in and to said invention, all without further consideration and at ASSIGNOE is and to said invention, all without provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOE in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the te
See fallowing pages for additional assignors
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City Osaka

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G O	Kobe-shi, Hyogo-ken				
State or Country	Japan	Zip			
DATE June	4, 1999	FOR FEE			
Full Name of 4th Assignment					
Residence Address - Street	•				
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Full Name of 5th Assignar					
Residence Address - Street					
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PATENT APPLICATION/PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:	ATTORNEY'S DOCKET NUMBER
TOSHIMICHI KITAOKA,	388-991024
FUMIO INOUE, and	•
HIROKI TODA	
MIKOKI 100A	
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